

FIG.5

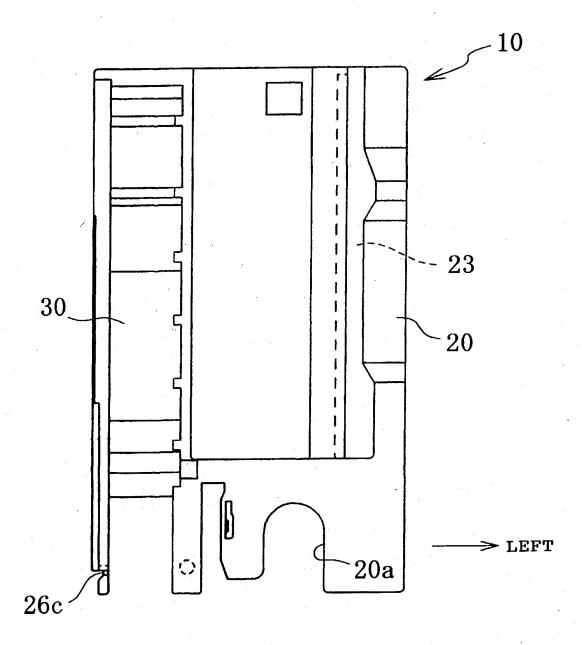


FIG.6

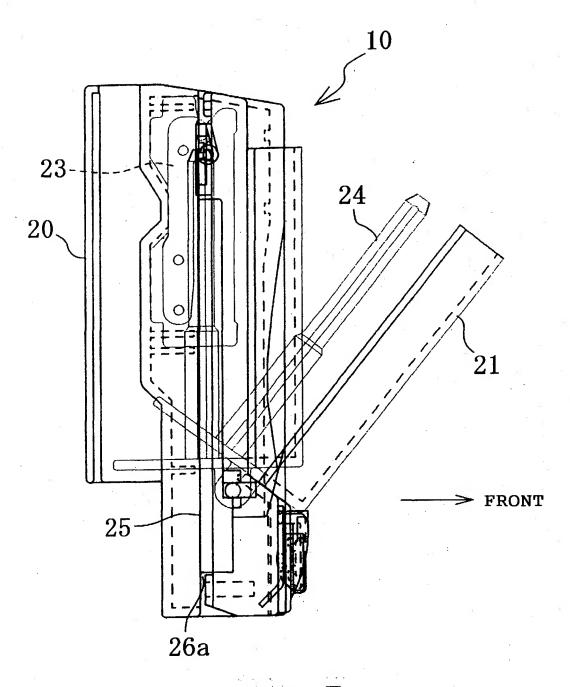


FIG.7

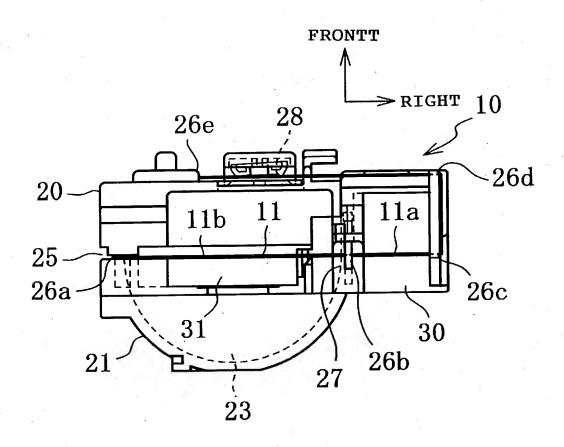


FIG.8

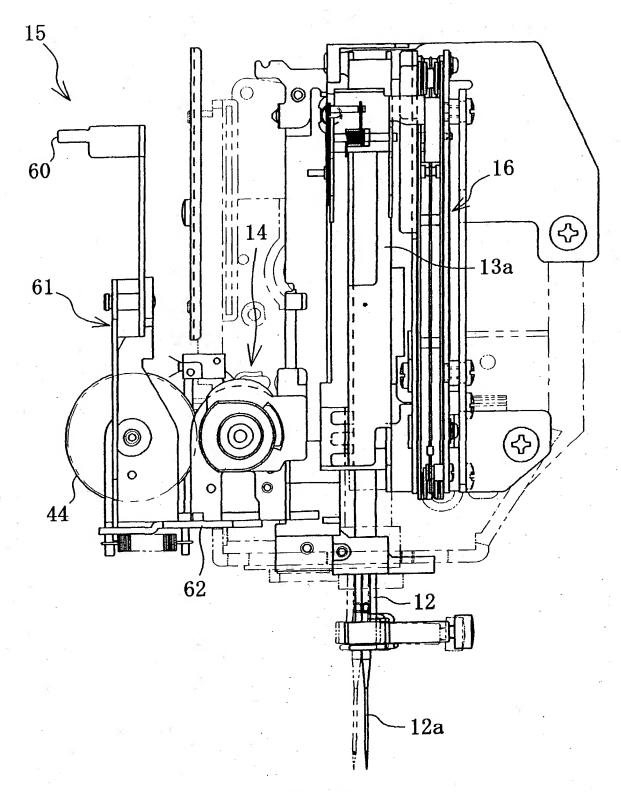


FIG.9

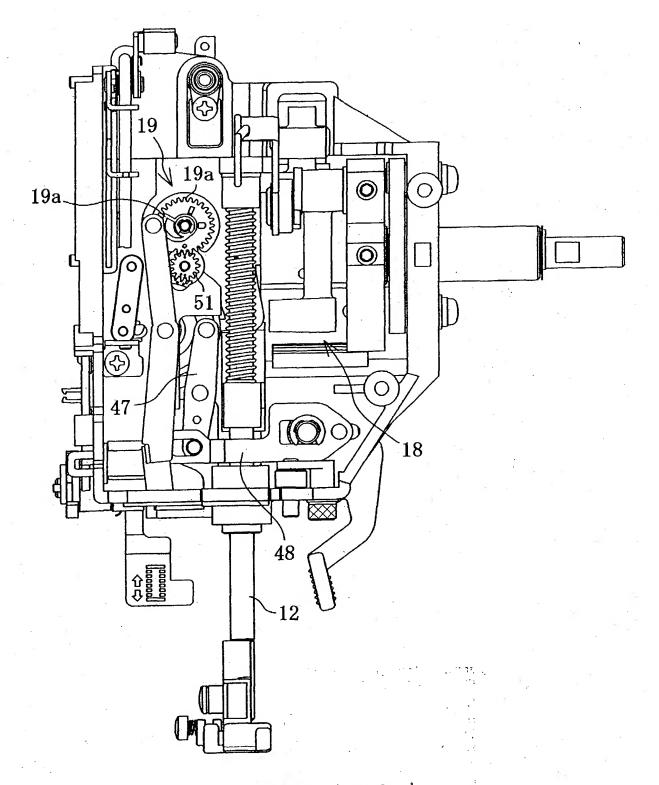


FIG.10

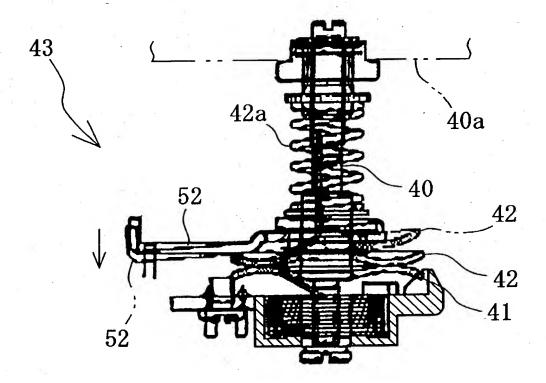
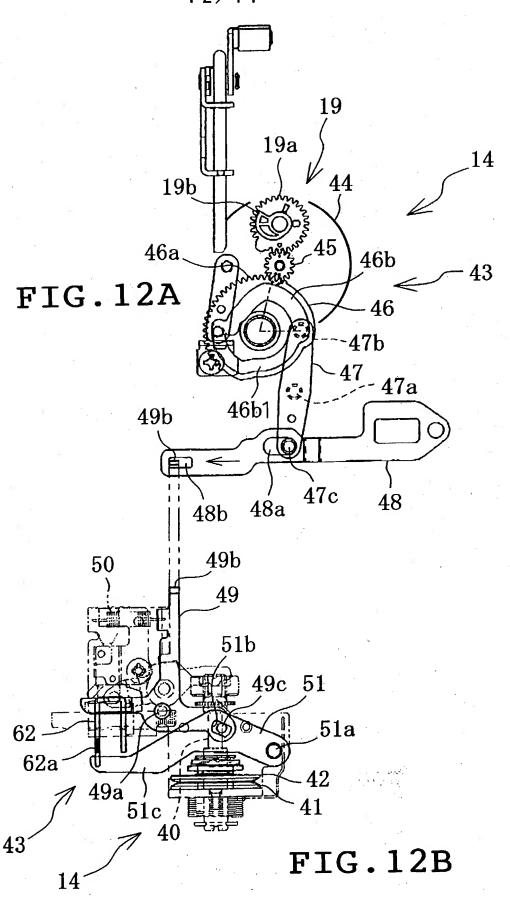
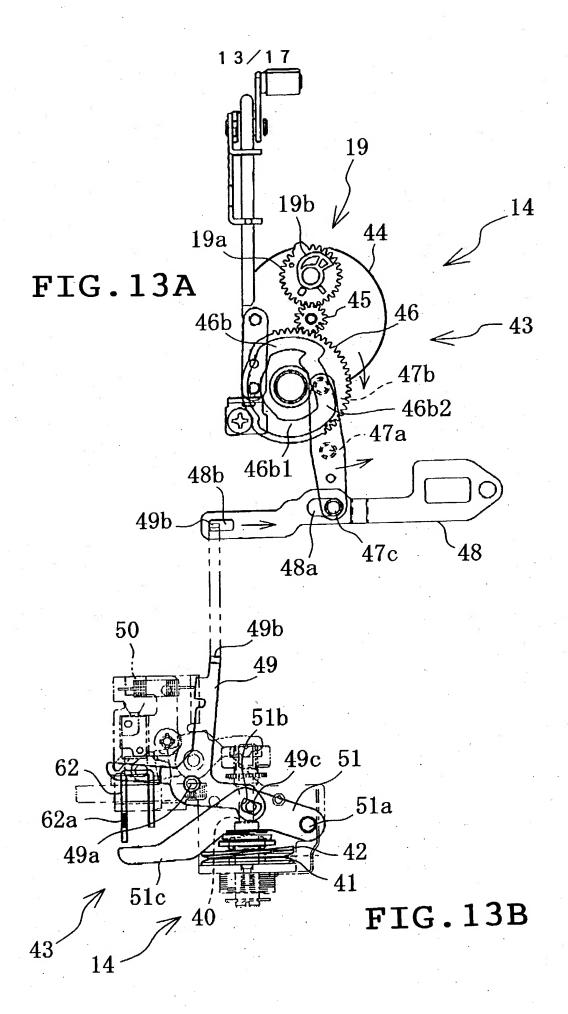


FIG.11





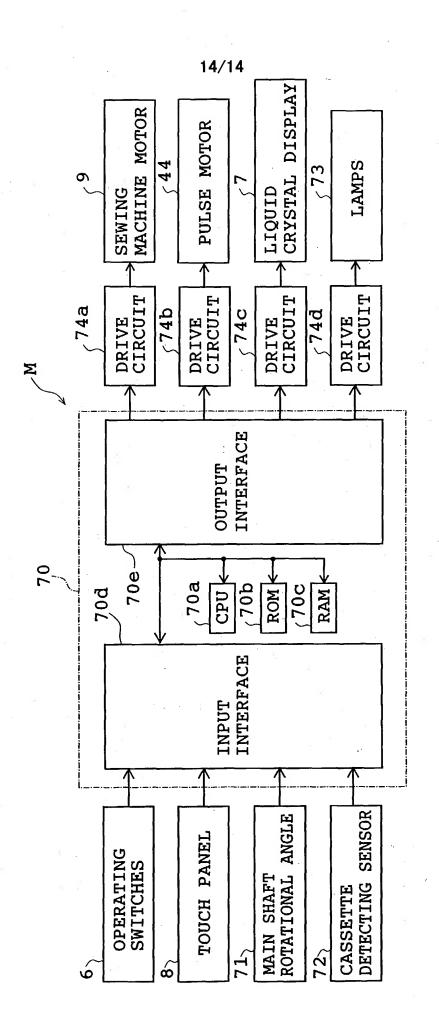


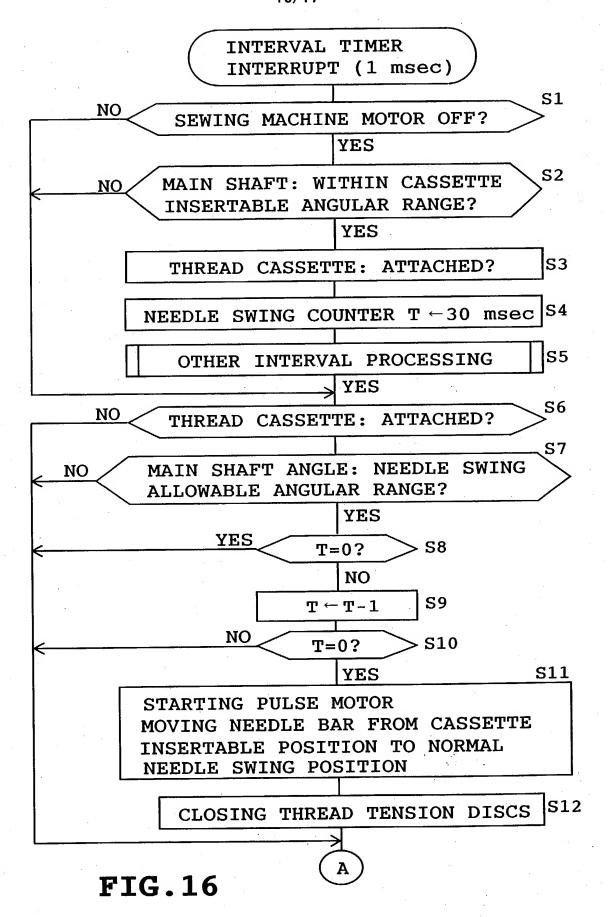
FIG. 14

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SEWING MACHINE CONTROL PROGRAM

- SEWING PROGRAM
- CASSETTE ATTACHING AND DETACHING CONTROL
 - THREAD TENSION CONTROL PROGRAM
 - NEEDLE BAR POSITION CONTROL PROGRAM
 DISPLAY CONTROL PROGRAM

FIG. 15



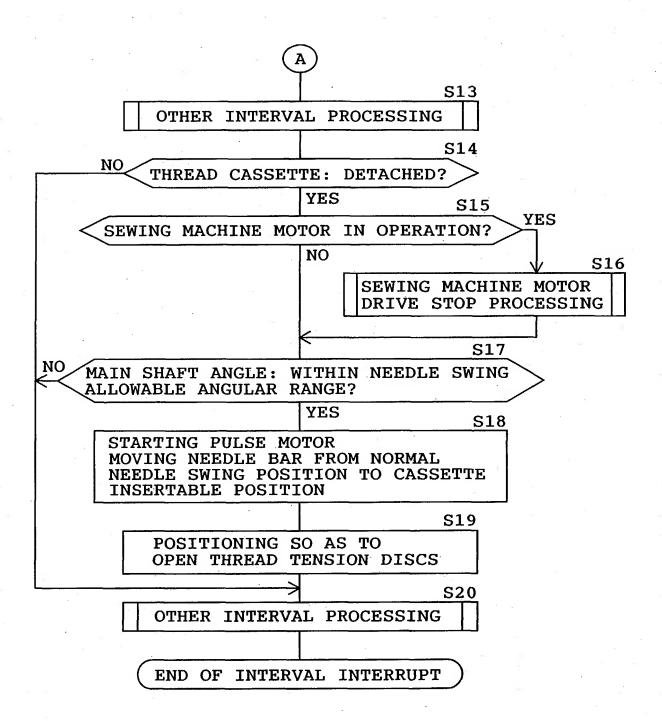


FIG. 17